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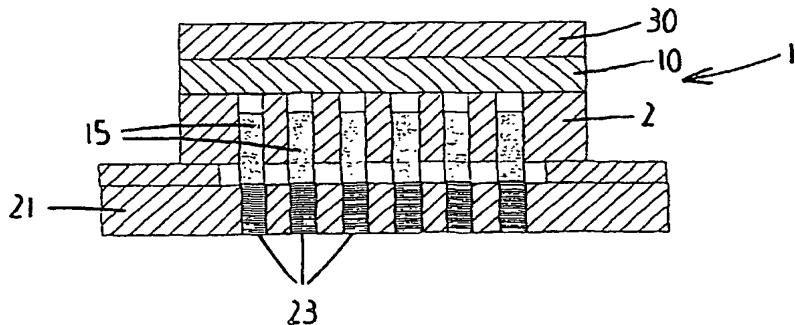
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(54) Title: A SYSTEM FOR THE PREPARATION OF MULTIPLE SOLID STATE SAMPLES, IN PARTICULAR FOR SPECTROSCOPIC AND MICROSCOPIC ANALYSIS



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(57) Abstract: A system for the preparation and handling of multiple solid state samples, in particular for spectroscopic and microscopic analysis. The system comprises a sample holder assembly for multiple solid-state samples. The sample holder assembly comprises a sample holding body having first and second sides (3a, 4a), provided with multiple sample receiving open-ended bores (5) extending through said body between said first and second sides, each bore (5) having a first opening at the first side and a second opening at the second side. Furthermore a closure body (10) is provided adapted to be mounted against the second side of the sample holding body, said closure body (10) having a closure side adapted to rest against the second side of the sample holding body for closing off the second openings of the bores (5) in said sample holding body. Compacting (23) means are provided for compacting samples filled in bores (5) of the sample holding body as these bores are closed off on the second side by the closure body.